

REMARKS

This paper is filed in response to the official action dated June 4, 2007 (hereafter, “the official action”). This paper is timely filed as it is accompanied by a petition to file in the first month and authorization to charge our deposit account no. 13-2855 in the amount of the requisite \$450 extension fee.

Claims 1-32 are pending, but claims 18-24 have been withdrawn from further consideration. By the foregoing, claims 1, 5, 9, 12, 13, 26, 31, and 32 have been amended. Claim 1 has been amended to recite “a layer of solution processable organic semiconducting material,” and “a layer of cross-linked hole transporting and electron blocking material.” Support for the amendment may be found, for example, at the third full paragraph of page 6 and the paragraph bridging pages 13 and 14 of the present specification. The other claim amendments merely relate to matters of form. No new matter has been added.

All examined claims 1-17 and 25-32 have been variously rejected as anticipated by one or more of U.S. Patent Publication No. 2001/0026878 to Woo *et al.* (“Woo”), International Patent Publication No. WO 02/31896 to Periyasamy *et al.* (“Periyasamy”), and European Patent Publication No. EP 1220341 to Naito (“Naito”).

Additionally, the specification has been objected to for failing to include foreign priority information. The applicants submit that such information is not required; in any event, the objection should be removed in view of the amendment to the specification made herein.

The various bases for the claim rejections are addressed below in the order presented in the official action. Reconsideration of the application, as amended and in view of the following remarks, is solicited.

CLAIM REJECTIONS – 35 U.S.C. §102(b)

Claims 1, 2, 5-16, and 25-32 have been rejected as anticipated by Woo. Claims 1, 2, 4, 10, and 15-17 have been rejected as anticipated by Periyasamy. Claims 1-4 and 17 have been rejected as anticipated by Naito.

It is well-established that each and every limitation of a claimed invention must be present in a single prior art reference in order for anticipation to occur. *See*, for example, *C.R. Bard, Inc. v. M3 Systems, Inc.*, 157 F.3d 1340, 1349 (Fed. Cir. 1998). The

standard for anticipation is one of strict identity. This standard has not been satisfied with respect to the pending claims, as amended herein.

None of the cited art discloses or suggests an optical device comprising a layer of cross-linked hole transporting and electron blocking material between an anode and a layer of organic solution processable semiconducting material, as recited by claims 1-17 and 25-32. By providing a cross-linked hole transporting and electron material, an organic semiconducting material may be deposited directly from solution thereover *without* causing dissolution of the underlying hole transporting and electron material. *See* the second full paragraph of page 6 of the present application.

Accordingly, the outstanding anticipation rejections should be removed.

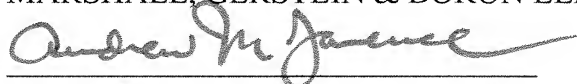
CONCLUSION

Should the examiner wish to discuss the foregoing, or any matter of form or procedure in an effort to advance this application to allowance, he is respectfully invited to contact the undersigned attorney at the indicated telephone number.

Respectfully submitted,

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